Oracle® Communications
Unified Inventory Management
Licensing Information User Manual
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E80314-01

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Introduction

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## Licensing Information

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<th>Licensing Description</th>
</tr>
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<tr>
<td>Oracle Communications Unified Inventory Management – Core Platform All</td>
<td>Each Oracle Communications Unified Inventory Management – Resource Management module or Oracle Communications Unified Inventory Management – Service Management module includes the ability and rights to use the core Oracle Communications Unified Inventory Management platform functionality. This includes the tracking of parties, business interactions, engineering work orders, life-cycles and non-geographic locations, via the browser-based GUI and the APIs. <strong>Included Products:</strong> Oracle WebLogic Server Enterprise Edition license for exclusive use with Oracle Communications Unified Inventory Management. <strong>Prerequisites:</strong> • Oracle Database Enterprise Edition • Oracle Communications Design Studio The allowable usage of the platform is governed by the licensed modules based upon the type and quantity of managed objects. At least one Resource Management or Service Management application must be licensed to deploy the core platform for Oracle Communications Unified Inventory Management. These applications of Oracle Communications Unified Inventory Management are listed in this table.</td>
<td></td>
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<tr>
<td>Oracle Communications Unified Inventory Management – Resource Management Oracle Communications Geographic Address Management</td>
<td>Oracle Communications Geographic Address Management models specific addresses relating to locations where service is delivered or where network equipment may reside. These may include Street Address, lot addresses or other nomenclature. This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above. <strong>Included Products:</strong> A license of Oracle Communications Geographic Address Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition. <strong>Prerequisites:</strong> • Oracle Database Enterprise Edition • Oracle Communications Design Studio <strong>Restrictions:</strong> Oracle Communications Geographic Address Management customers are licensed for the purpose of managing geographic addresses only. Any use outside of geographic address management requires the purchase of a different Oracle Communications Unified Inventory Management license. A license to Oracle Communications Geographic Address Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Geographic Address Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.</td>
<td></td>
</tr>
<tr>
<td>Oracle Communications Device Management</td>
<td>Oracle Communications Device Management enables the management of physical inventory. It also enables the management of customer, access or network devices, as seen from a logical perspective. Switches, routers, servers, shelves, chassis, cable modems, set top boxes, PCs, access points, and other such objects may all be modeled and tracked as Physical Devices, Hardware (Equipment), and/or Logical Devices.</td>
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</tbody>
</table>
This module allows such items to be modeled as complex objects and enables functions and concepts such as assignment/consumption, activation, capacity management, equipment hierarchy, equipment compatibility, equipment assemblies, and topology.

Device Management functionality includes:

- Representing devices in textual, tree and graphical view, including the use of custom graphic images
- Browsing and searching for devices and related and associated objects
- Drag and drop moving of objects
- Tracking characteristics and detail about devices
- Management and consumption of devices, interfaces, ports, connecters and capacity

Included Products:
A License of Oracle Communications Device Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.

Prerequisites:

- Oracle Database Enterprise Edition
- Oracle Communications Design Studio

Restrictions:
Oracle Communications Device Management customers are licensed for the purpose of managing devices only. Any use outside of device management requires the purchase of a different Oracle Communications Unified Inventory Management license.

This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.

A license to Oracle Communications Device Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Device Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.

Oracle Communications Connectivity Management allows the management of physical links between devices, such as copper pairs, optical fibers, coaxial cables or radio links, and of logical links such as circuits, trails, facilities, channels and cross-connects.

Connectivity Management also addresses:

- Modeling of connectors and various types of connection
- Tracking custom characteristics and detail about connections
- Application of connection rules
- Support for assignable capacity
- Maintaining hierarchal relationships through enablement’s (assignments)
- Path Analysis for Pipes to perform complex and effective analysis of the potential routes between two locations or devices based on required capacity. Results are presented based on least number of hops.
- Grooming, rehoming, and insert & delete node functionality for channelized connectivity

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<tr>
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</table>
| Oracle Communications       |            | This module allows such items to be modeled as complex objects and enables functions and concepts such as assignment/consumption, activation, capacity management, equipment hierarchy, equipment compatibility, equipment assemblies, and topology. **Device Management functionality includes:**
| Connectivity Management     |            | - Representing devices in textual, tree and graphical view, including the use of custom graphic images
|                             |            | - Browsing and searching for devices and related and associated objects
|                             |            | - Drag and drop moving of objects
|                             |            | - Tracking characteristics and detail about devices
|                             |            | - Management and consumption of devices, interfaces, ports, connecters and capacity

**Included Products:**
A License of Oracle Communications Device Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.

**Prerequisites:**
- Oracle Database Enterprise Edition
- Oracle Communications Design Studio

**Restrictions:**
Oracle Communications Device Management customers are licensed for the purpose of managing devices only. Any use outside of device management requires the purchase of a different Oracle Communications Unified Inventory Management license.

This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.

A license to Oracle Communications Device Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Device Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.

**Oracle Communications Connectivity Management**

Oracle Communications Connectivity Management allows the management of physical links between devices, such as copper pairs, optical fibers, coaxial cables or radio links, and of logical links such as circuits, trails, facilities, channels and cross-connects.

Connectivity Management also addresses:

- Modeling of connectors and various types of connection
- Tracking custom characteristics and detail about connections
- Application of connection rules
- Support for assignable capacity
- Maintaining hierarchal relationships through enablement’s (assignments)
- Path Analysis for Pipes to perform complex and effective analysis of the potential routes between two locations or devices based on required capacity. Results are presented based on least number of hops.
- Grooming, rehoming, and insert & delete node functionality for channelized connectivity
<table>
<thead>
<tr>
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<th>Subproduct</th>
<th>Licensing Description</th>
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</thead>
<tbody>
<tr>
<td><strong>Included Products:</strong></td>
<td></td>
<td>A license of Oracle Communications Connectivity Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</td>
</tr>
</tbody>
</table>
| | **Prerequisites:** | • Oracle Database Enterprise Edition  
• Oracle Communications Design Studio  
For Connectivity Management to function in a meaningful way, data on connection end points (Devices) must be populated using the following module:  
• Oracle Communications Device Management  
To use UIM channelized connectivity entities to model TDM technologies (SDH, SONET, & T/E/J-Carrier), Network Locations on the connectivity end points require property location addresses using the following module:  
• Oracle Communications Geographic Address Management  
| **Restrictions:** | | Oracle Communications Connectivity Management customers are licensed for the purpose of managing connections only. Any use outside of connection management requires the purchase of a different Oracle Communications Unified Inventory Management license.  
This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  
A license to Oracle Communications Connectivity Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Connectivity Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink. |
| Oracle Communications Network Design and Modeling | | Oracle Communications Network Design and Modeling provides a mechanism to document a logical graphical perspective of physical, logical, customer or arbitrary inventory. Networks consist of nodes that are interconnected by edges. There can be few or many nodes that represent definitive or casual items.  
This module allows networks of various degrees of complexity to be represented and manipulated graphically, using configurable icons.  
• Nodes can represent known or unknown objects (locations, devices, etc)  
• Edges indicate specific connectivity or reachability between nodes  
• Layout tools allow nodes to be arranged on the canvas  
• Networks can be multi-layered on the canvas  
• Nodes can also be displayed geographically on a map  
Relationships between networks may be represented, and layered networks may be navigated using zoom in/zoom out feature  
| **Included Products:** | | A license of Oracle Communications Network Design and Modeling includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.  
| **Prerequisites:** | | • Oracle Database Enterprise Edition  
• Oracle Communications Design Studio |
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<thead>
<tr>
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<th>Licensing Description</th>
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<tbody>
<tr>
<td>Oracle Communications</td>
<td></td>
<td>For Network Design and Modeling to function in a meaningful way there is not a requirement for additional modules but its use is usually contemporaneous with:</td>
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<tr>
<td></td>
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<td>• Oracle Communications Device Management</td>
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<td></td>
<td></td>
<td>• Oracle Communications Connectivity Management</td>
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<td>The license for Oracle Communications Network Design and Modeling includes access to map data provided by Oracle eLocation Service. Access to maps of other types or for other locations may require map data to be licensed from a third-party data provider.</td>
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<td><strong>Restrictions:</strong></td>
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<td>Oracle Communications Network Design and Modeling customers are licensed for the purpose of designing and modeling networks only. Any use outside of network design and modeling requires the purchase of a different Oracle Communications Unified Inventory Management license.</td>
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<td>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</td>
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<td>A license to Oracle Communications Network Design and Modeling includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Network Design and Modeling graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.</td>
</tr>
<tr>
<td>Oracle Communications Telephone</td>
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<td>Telephone Numbers can be defined, created and managed and rules can be created to apply number classification, such as for lucky or vanity numbers.</td>
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<td>Number Management</td>
<td></td>
<td>• Number transition through life cycles</td>
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<td></td>
<td></td>
<td>• Assignment to services, subscribers/resellers/MVNOs (Parties), devices</td>
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<tr>
<td></td>
<td></td>
<td>• Number masks and patterns</td>
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<td><strong>Included Products:</strong></td>
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<td>A license of Oracle Communications Telephone Number Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.</td>
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<td><strong>Prerequisites:</strong></td>
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<td></td>
<td>• Oracle Database Enterprise Edition</td>
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<td></td>
<td></td>
<td>• Oracle Communications Design Studio</td>
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<td><strong>Restrictions:</strong></td>
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<td>Oracle Communications Telephone Number Management customers are licensed for the purpose of managing telephone numbers only. Any use outside of telephone number management requires the purchase of a different Oracle Communications Unified Inventory Management license.</td>
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<td>This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.</td>
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<td>A license to Oracle Communications Telephone Number Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Telephone Number Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.</td>
</tr>
<tr>
<td>Product</td>
<td>Subproduct</td>
<td>Licensing Description</td>
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</table>
| Oracle Communications Logical Device Account Management | | Account types, such as email, IMS, voicemail, VoIP, etc. can be documented and managed against logical devices representing servers or other devices.  
- Capacity of the device can be monitored and managed  
- Associated to subscribers (Parties)  
- Created/removed in bulk  

**Included Products:**  
A license of Oracle Communications Logical Device Account Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.  

**Prerequisites:**  
- Oracle Database Enterprise Edition  
- Oracle Communications Design Studio  

For account management to function in a meaningful way the following areas must exist and be populated:  
- Oracle Communications Device Management  

**Restrictions:**  
Oracle Communications Logical Device Account Management customers are licensed for the purpose of managing logical account devices only. Any use outside of logical device account management requires the purchase of a different Oracle Communications Unified Inventory Management license.  

This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  

A license to Oracle Communications Logical Device Account Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Logical Device Account Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink. |
| Oracle Communications Universal Resource Management | | Oracle Communications Universal Resource Management provides for the generic management of resources that need to be tracked but not with the richness of structure or function provided by Oracle Communications Device Management.  

**Included Products:**  
A license of Oracle Communications Universal Resource Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.  

**Prerequisites:**  
- Oracle Database Enterprise Edition  
- Oracle Communications Design Studio  

**Restrictions:**  
Oracle Communications Universal Resource Management customers are licensed for the purpose of managing any type of resource only. Any use outside of resource management requires the purchase of a different Oracle Communications Unified Inventory Management license.  

This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above. |
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<th>Licensing Description</th>
</tr>
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<tbody>
<tr>
<td>Oracle Communications</td>
<td>IP Address Management</td>
<td>A license to Oracle Communications Universal Resource Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Universal Resource Management graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.</td>
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<td>Oracle Communications IP Address Management provides management of IPv4 and IPv6 addresses, including creating IP network addresses, partitioning &amp; joining subnets, creating host IP addresses, reserving &amp; assigning IP addresses.</td>
</tr>
</tbody>
</table>
|                               |                                   | **Included Products:**  
A license of Oracle Communications IP Address Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.                                                                                                                                                                                                                                         |
|                               |                                   | **Prerequisites:**  
- Oracle Database Enterprise Edition  
- Oracle Communications Design Studio                                                                                                                                                                                                                                                                                                                          |
|                               |                                   | **Restrictions:**  
Oracle Communications IP Address Management customers are licensed for the purpose of managing IP addresses only. Any use outside of IP address management requires the purchase of a different Oracle Communications Unified Inventory Management license.  
This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  
Restricted use: A license to Oracle Communications IP Address Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run and manage the Oracle Communications IP Address Management application (including access via graphical user interface application and web services) as provided by Oracle utilizing exclusively the following WLS EE components: Core WebLogic application server, Oracle TopLink & Application Development Framework (includes MapViewer), Oracle JDeveloper, Oracle Security Developer Tools, Java SE, the WebLogic Management Framework & HTTP Server subcomponents of Web Tier, Oracle Enterprise Manager Fusion Middleware Control and Clustering support. |
| Oracle Communications        | Media Stream Management           | Oracle Communications Media Stream Management enables the modeling and management of media streams. Media Stream specifications are used to model content such as audio and video media delivered over cable, satellite, radio, or streaming IP; characteristics can be used to supplement the default data elements. Behaviors can be associated with media streams by using rulesets and extension points. |
|                               |                                   | **Included Products:**  
A license of Oracle Communications Media Stream Management includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.                                                                                                                                                                                                                                         |
|                               |                                   | **Prerequisites:**  
- Oracle Database Enterprise Edition  
- Oracle Communications Design Studio                                                                                                                                                                                                                                                                                                                          |
|                               |                                   | **Restrictions:**  
Oracle Communications Media Stream Management customers are licensed for the purpose of managing media streams only. Any use outside of media stream management requires the purchase of a different Oracle Communications Unified Inventory Management license.  
This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  
Oracle Communications Media Stream Management includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run and manage the Oracle Communications Media Stream Management application as provided by Oracle utilizing exclusively the following WLS EE components: Core WebLogic application server, Oracle TopLink & Application Development Framework (includes MapViewer), Oracle JDeveloper, Oracle Security Developer Tools, Java SE, the WebLogic Management Framework & HTTP Server subcomponents of Web Tier, Oracle Enterprise Manager Fusion Middleware Control and Clustering support.
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<tr>
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<th>Licensing Description</th>
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<tbody>
<tr>
<td>Oracle Communications Network Service Orchestration</td>
<td>Oracle Communications Network Service Orchestration</td>
<td>Oracle Communications Network Service Orchestration enables the lifecycle management of Network Services and Virtual Network Functions (VNFs) running on a virtualized network infrastructure. It includes the ability to allocate resources to those Network Services and VNFs. <strong>Included Products:</strong> A license of Oracle Communications Network Service Orchestration includes a restricted-use license to Oracle WebLogic Server Enterprise Edition. <strong>Prerequisites:</strong> Oracle Database Enterprise Edition Oracle Communications Design Studio <strong>Restrictions:</strong> Oracle Communications Network Service Orchestration customers are licensed for the purpose of lifecycle management of Network Services and Network Functions running on a virtualized network infrastructure only. Any use outside of this requires the purchase of a different Oracle Communications Unified Inventory Management license. This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above. A license to Oracle Communications Network Service Orchestration includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Network Service Orchestration graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink.</td>
</tr>
<tr>
<td>Oracle Communications Unified Inventory Management – Service Management</td>
<td>Oracle Communications Service Configuration Management for Mobile</td>
<td>Oracle Communications Service Configuration Management for Mobile enables the management of simple or complex services provided any mobile wireless network such as GSM/UMTS, LTE, CDMA, PHS, or mobile WiMAX. This module provides the ability to define and manage service configurations, including the structure and relationships of one service to another, the relationship between services and products, and the allocation of resources to services. <strong>Included Products:</strong> A license of Oracle Communications Service Configuration Management for Mobile includes a restricted-use license to Oracle WebLogic Server Enterprise Edition. <strong>Prerequisites:</strong> Oracle Database Enterprise Edition Oracle Communications Design Studio <strong>Restrictions:</strong></td>
</tr>
<tr>
<td>Product</td>
<td>Subproduct</td>
<td>Licensing Description</td>
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</table>
| Oracle Communications Service Configuration Management for Mobile | | Oracle Communications Service Configuration Management for Mobile customers are licensed for the purpose of managing service configuration data for mobile services only. Any use outside of mobile service configuration management such as fixed wireless service for broadband requires the purchase of a different Oracle Communications Unified Inventory Management license.  
This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  
A license to Oracle Communications Service Configuration Management for Mobile includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Service Configuration Management for Mobile graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink. |
| Oracle Communications Service Configuration Management for Wireline | Oracle Communications Service Configuration Management for Wireline enables the management of fixed-location or nomadic services provided via any wired or fixed wireless network.  
This module provides the ability to define and manage service configurations, including the structure and relationships of one service to another, the relationship between services and products, and the allocation of resources to services  
**Included Products:**  
A license of Oracle Communications Service Configuration Management for Wireline includes a restricted-use license to Oracle WebLogic Server Enterprise Edition.  
**Prerequisites:**  
- Oracle Database Enterprise Edition  
- Oracle Communications Design Studio  
**Restrictions:**  
Oracle Communications Service Configuration Management for Wireline customers are licensed for the purpose of managing service configuration data for wireline services only. Any use outside of wireline service configuration management requires the purchase of a different Oracle Communications Unified Inventory Management license.  
This application leverages the Oracle Communications Unified Inventory Management core functionality as outlined above.  
A license to Oracle Communications Service Configuration Management for Wireline includes a license to WebLogic Server Enterprise Edition (WLS EE). WLS EE is restricted solely to run the Oracle Communications Service Configuration Management for Wireline graphical user interface applications and web services as provided by Oracle utilizing exclusively the following WLS EE components: Application Development Framework, WebLogic Management Framework, the HTTP Server subcomponents of Web Tier, and the Application Development Framework subcomponent of TopLink. |
Third-Party Notices

Commercial Software

Commercial software products or components distributed in Unified Inventory Management are identified in the following table along with the applicable licensing information.

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<th>Component(s)</th>
<th>Functionality</th>
<th>Licensing Information</th>
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<tr>
<td>ILOG</td>
<td>JTGO 8.8</td>
<td>Visualization, GUI</td>
<td>ILOG visualization components from JTGO and Jviews Diagrammer are included as part of the license for Oracle Communications Unified Inventory Management. Any use of ILOG components outside of Oracle Communications Unified Inventory Management requires the purchase of the appropriate licenses from ILOG.</td>
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<tr>
<td></td>
<td>Jviews</td>
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<td></td>
<td>Diagrammer 8.8</td>
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<td></td>
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  - Dave Raggett <dsrcw3.org>
  - Andy Quick <acquick@sympatico.ca> (translation to Java)
  - Gary L Peskin <garyp@firstech.com> (Java development)
  - Sami Lempinen <sami@lempinen.net> (release management)
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Open Source Implementation of JSR 173: Streaming API for XML (StAX)

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